

Serial No.: 09/586,410

Attorney Docket No.: 00P7661US

IN THE CLAIMS:

This listing of the claims will replace all prior versions and listings of the claims in the application:

1. (Currently Amended) A system, comprising:
a translator adapted to translate ~~directly~~ between extended grammar constructs of a machine readable language and basic grammar constructs of said machine readable language, said machine readable language being ASN.1, wherein a translation comprises reading a source file containing extended grammar constructs, performing a lookup table conversion of said source file of extended grammar constructs into a basic source file containing only basic grammar constructs; and
a compiler coupled to receive an output of said translator for compiling code written in said basic grammar constructs.
2. (Currently Amended) A system in accordance with claim 1, said machine readable language comprising an Abstract Syntax Notation One standard.
3. (Original) A system in accordance with claim 2, said basic grammar constructs comprising X.680 grammar constructs.
4. (Original) A system in accordance with claim 3, said extended grammar constructs comprising at least one of X.681, X.682, or X.683 grammar constructs.
5. (Original) A system in accordance with claim 4, said translator comprising one or more lookup tables.
6. (Currently Amended) A method, comprising:
providing a first source file, said first source file including extended grammar constructs of a machine readable language;

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translating said first source file ~~directly~~ into a second source file, said second source file containing only basic grammar constructs of said machine readable language, said machine readable language being ASN.1, wherein a translation comprises reading a source file containing extended grammar constructs, performing a lookup table conversion of said source file of extended grammar constructs into a basic source file containing only basic grammar constructs; and

compiling said second source file using a compiler adapted to compile basic grammar constructs.

7. (Original) A method in accordance with claim 6, said machine readable language being Abstract Syntax Notation One (ASN.1).

8. (Original) A method in accordance with claim 7, said first source file comprising at least one of X.681, X.682, or X.683 grammar constructs.

9. (Original) A method in accordance with claim 8, said second source file comprising X.680 grammar constructs.

10. (Original) A method in accordance with claim 9, said translating comprising accessing a lookup table for equivalent constructs.

11. (Currently Amended) A method, comprising:

providing a translator adapted to translate ~~directly~~ between extended grammar constructs of a machine readable language and basic grammar constructs of said machine readable language, said machine readable language being ASN.1, wherein a translation comprises reading a source file containing extended grammar constructs, performing a lookup table conversion of said source file of extended grammar constructs into a basic source file containing only basic grammar constructs; and

providing a compiler coupled to receive an output of said translator for compiling code written in said basic grammar constructs.

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12. (Previously Presented) A method in accordance with claim 11, said machine readable language comprising an Abstract Syntax Notation One standard.

13. (Original) A method in accordance with claim 12, said basic grammar constructs comprising X.680 grammar constructs.

14. (Original) A method in accordance with claim 13, said extended grammar constructs comprising at least one of X.681, X.682, or X.683 grammar constructs.

15. (Original) A method in accordance with claim 14, said translator comprising one or more lookup tables.

16. (Currently Amended) A computer-readable computer program product, comprising:

computer-readable program code adapted to receive and translate extended grammar constructs of a computer-readable program language into basic grammar constructs of said computer-readable program language for output to a compiler of program code written in said basic grammar constructs, said machine readable language being ASN.1, wherein a translation comprises reading a source file containing extended grammar constructs, performing a lookup table conversion of said source file of extended grammar constructs into a basic source file containing only basic grammar constructs;

wherein said computer-readable program code is adapted to directly translate said extended grammar constructs into said basic grammar constructs by using one or more lookup tables.

17. (Previously Presented) A computer-readable computer program product of claim 16, wherein said computer-readable program language comprises an Abstract Syntax Notation One (ASN.1) language.

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18. (Original) A computer-readable computer program product of claim 16, wherein said basic grammar constructs comprise X.680 grammar constructs, and wherein said extended grammar constructs comprise at least one of X.68x grammar constructs (where x is greater than or equal to 1).